

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/006392

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04N1/00 H04N1/21 H04N5/765 G11B27/028

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04N G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 661 823 A (IZAWA FUMIO ET AL) 26 August 1997 (1997-08-26) column 23, line 7 - line 35 column 37, line 42 - column 38, line 58; figures 62-64 column 41, line 48 - column 56, line 48; figures 74-107	1-3,5-7
X	EP 1 030 518 A (SONY CORP) 23 August 2000 (2000-08-23) paragraph '0013! - paragraph '0105!; figures 1-23	1,4,7
A		2,5,6
X	US 6 446 177 B1 (KAWAMOTO KAZUYA ET AL) 3 September 2002 (2002-09-03) column 13, line 1 - column 16, line 28 column 25, line 50 - column 27, line 9	1,2
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

6 October 2004

Date of mailing of the international search report

15/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Gil Zamorano, A

INTERNATIONAL SEARCH REPORT

International Application No
PC/EP2004/006392

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/110073 A1 (CHU ZENN TZONG ET AL) 15 August 2002 (2002-08-15) the whole document	1,7
A	WO 02/23885 A (KONINKL PHILIPS ELECTRONICS NV) 21 March 2002 (2002-03-21) page 4, line 1 - page 8, line 17; figures 1-8	1,7

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/006392

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5661823	A	26-08-1997	JP 2921879 B2	19-07-1999
			JP 3117181 A	17-05-1991
			CA 2026503 A1	30-03-1991
			DE 69033464 D1	30-03-2000
			DE 69033464 T2	20-07-2000
			EP 0422447 A2	17-04-1991
			EP 0687100 A2	13-12-1995
			EP 0685969 A2	06-12-1995
			KR 9409487 B1	14-10-1994
			KR 9409557 B1	14-10-1994
			KR 9409558 B1	14-10-1994
			KR 9409559 B1	14-10-1994
			US 6020982 A	01-02-2000
			US 6295139 B1	25-09-2001
EP 1030518	A	23-08-2000	JP 2000236510 A	29-08-2000
			EP 1030518 A2	23-08-2000
			TW 462193 B	01-11-2001
			US 6718118 B1	06-04-2004
US 6446177	B1	03-09-2002	JP 2000112824 A	21-04-2000
			JP 2001035176 A	09-02-2001
			KR 2000028803 A	25-05-2000
			TW 527604 B	11-04-2003
US 2002110073	A1	15-08-2002	TW 483566 Y	11-04-2002
			DE 20100975 U1	05-04-2001
			GB 2370682 A	03-07-2002
WO 0223885	A	21-03-2002	CN 1395792 T	05-02-2003
			WO 0223885 A1	21-03-2002
			EP 1323291 A1	02-07-2003
			JP 2004509527 T	25-03-2004
			US 2004080537 A1	29-04-2004